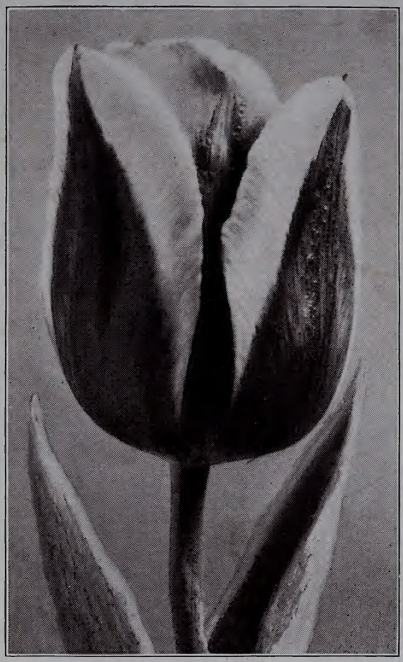
Marshall
W. E.
1909

Catalogue

1909



TULIP KEIZERKROON

1909

W. E. MARSHALL & CO.
146 West Twenty-third Street
NEW YORK

SHOUT
SHARE
IT

.A682

Marshall's Collections of Choice Bulbs

INDOOR COLLECTION OF BULBS

50 Bulbs for 50 cts. for Pots and Winter Flowering

12 Jonquils, Campernelle
3 Hyacinths, 3 colors
3 White Roman Hyacinths
4 Tulips, Single Scarlet
4 Tulips, Double White
3 Narcissus, Paper White
3 Narcissus, Trumpet Major
3 Oxalis, Buttercup
12 Freesia refracta alba

If ordered by mail, add 20 cts. extra for postage

HARDY COLLECTION OF BULBS

50 Bulbs for 50 cts. for Outside Planting

2 Hyacinths, Red
2 Hyacinths, White
2 Hyacinths, Blue
10 Snowdrops
6 Tulips, Single Mixed
6 Tulips, Double Mixed
6 Narcissus, Single
6 Narcissus, Double
10 Crocuses, Mixed colors

If ordered by mail, add 20 cts. extra for postage

COLLECTION OF BULBS FOR HOUSE CULTURE

Price, $2.50

TYE SHAPE HYACINTH GLASS

6 White Roman Hyacinths
6 Fine Named Dutch Hyacinths
6 Fine Mixed Dutch Hyacinths
12 Fine Mixed Single Tulips
12 Fine Mixed Double Tulips
30 Mixed Crocus
6 Polyanthus Narcissus
6 Trumpet Narcissus, Princeps
6 Double Narcissus, Von Sion
6 Poet's Narcissus
12 Mixed Spanish Iris
6 Campernelle Jonquils
6 Scilla Sibirica
6 Freesia refracta alba

COLLECTION OF HARDY BULBS FOR OUTDOOR CULTURE

Price, $2

6 Mixed Single Red Hyacinths
6 Mixed Single Blue Hyacinths
6 Mixed Single White Hyacinths
24 Mixed Early Tulips
50 Mixed Crocus
6 Scilla Sibirica
12 Spanish Iris
6 Double White Narcissus
6 Butter-and-Egg Narcissus
6 Snowdrops

HYACINTH GLASSES

Tall and Tye Shapes, various colors. 15 cts. each, $1.60 per doz.

Hyacinths

POT CULTURE.—Plantings may be made at any time from September to December, though October is the best time. A light, rich soil, with a mixture of well-rotted cow- or sheep-manure, is most suitable. Use a 4- or 5-inch pot, and have the top of the bulb just above the surface. After potting, give a good watering and set away in a cool cellar or outhouse, and cover over with coal-ashes or some litter until thoroughly rooted; they may then be brought as wanted for a succession of flowers into a moderately warm, light room.

CULTURE IN GLASSES.—When it is desired to grow Hyacinths in water, they should be placed so that the base of the bulb merely touches the water. The glasses should then be set in a cool, dark closet, or in the cellar, until filled with roots, when they may be brought into the light. Give as much fresh air as possible without letting the plants stand in a draught, and as nearly as possible at a temperature of 60° until the spikes are developed. To put them at once into a room with a temperature of, say, 70°, would cause them to flower prematurely.

SINGLE HYACINTH

EXHIBITION HYACINTHS

Alba Superbissima. Pure white.
Amy. Bright dark carmine.
Baroness van Thuyll. White, primrose eye; large truss.
Czar Peter. Light porcelain-blue.
Daylight. Orange-yellow.
General Pelissier. Deep scarlet.
Gertrude. Beautiful bright pink; large, compact spike.
Gigantea. Light rose; large spike.
Grandeur a Merveille. Blush-white; large truss.
Grand Maitre. Deep porcelain-blue; very large, compact spike.
Ida. Pure yellow; extra fine.
King of the Blues. Clear, dark blue; splendid truss.
La Franchise. Creamy white.
Leonidas. Bright blue; large spike.
La Grandesse. Pure white; immense bells and truss.
L'Innocence. Pure white; extra-large bells.
Lord Balfour. Violet; very early, enormous truss.
Marie. Splendid dark purple.
Morena. Beautiful blush-pink; a popular variety.
Norma. Waxy pink; large bells; early.
Queen of the Blues. Large, light blue; fine for pots.
Robert Steiger. Deep crimson; large bells
Rosea Maxima. Delicate rose; fine spike.

All Named Hyacinths on this page 12 cts. each, $1.25 per doz. If ordered by mail, add 20 cts. per doz. for postage

ITALIAN HYACINTHS

The flowers are single, very graceful and fragrant, and produce abundantly. They are hardier than the Romans, and may be planted outside in the fall.

	Each	Doz.	100
Single White Italian	$0 06	$0 60	$4 00
Single Yellow	10	1 00	6 00

If ordered by mail, add 10 cts. per doz. for postage

ROMAN HYACINTHS

The flowers are delightfully fragrant, and each bulb will throw up from three to four spikes. For forcing, three or four bulbs are generally planted in a pot. The pots must be kept in a cool and dark place until they fill with roots, when the flower-spikes can be rapidly developed by exposure to light and moderate heat. They are very easily grown and extremely early; and, by making successive plantings, they may be had in flower all through the winter.

	Each	Doz.	100
Pure White Roman. Extra selected, largest size bulbs	$0 06	$0 60	$4 00
Selected Bulbs. First size	05	50	3 50
Single Blue Roman. First size	05	50	3 50
Double Rose Roman	06	60	3 50

SELECTED NAMED HYACINTHS

SECOND SIZE BULBS

These Hyacinths, being of distinct shades, uniform height, and blossoming at the same time, are strongly recommended where the finest effects are required for winter forcing and spring flowering.

BED OF HYACINTHS

Single Blue. Charles Dickens (light), Grand Lilas (light), Leonidas (bright), King of the Blues (dark)

Single Pink. Gigantea, Norma.

Single Red. Robert Steiger, Gertrude, General Pelissier.

Single White. La Grandesse, Baroness van Thuyll, Alba Superbissima.

Price, 10c. each, $1 per doz., $8 per 100, $75 per 1,000

HYACINTHS FOR BEDDING AND FORCING

OUTDOOR CULTURE.—The bulbs may be planted any time from October to December—the earlier the better. They succeed in any good, well-drained garden soil. Set the bulbs so that the tops will be 3 or 4 inches below the surface and 6 to 10 inches apart. Before very severe weather comes on, cover the beds with straw, leaves or manure, to protect them from the frost, but care should be taken that this covering is not too thick, as the bulbs are as likely to be injured by being kept too warm as by freezing; this should be removed in March, or when danger from hard frost is past.

These bulbs have been specially selected in Holland for us and are equally suited for either bedding or forcing. They will all throw large uniform spikes of flowers, and cannot fail to give universal satisfaction.

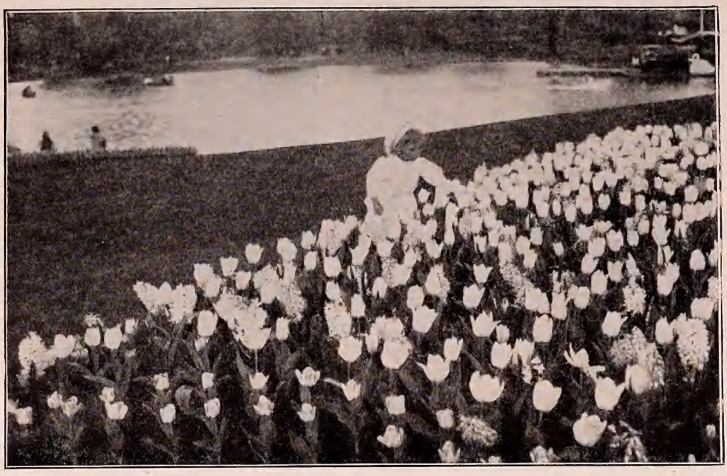
SINGLE VARIETIES

	Each	Doz.	100
Rose and Pink	$0 05	$0 60	$4 00
Red Shades	05	60	4 00
White	05	60	4 00
Blue, Light Shades	05	60	4 00
Blue, Dark Shades	05	60	4 00
Yellow	05	60	4 00
All Colors, Mixed	05	60	4 00

DOUBLE VARIETIES

	Each	Doz.	100
Rose and Pink	$0 05	$0 60	$4 00
Red Shades	05	60	4 00
White	05	60	4 00
Blue, Light Shades	05	60	4 00
Blue, Dark Shades	05	60	4 00
Yellow	05	60	4 00
All Colors, Mixed	05	60	4 00

If ordered by mail, add 10 cts. per doz. for postage



Tulips

Tulips for bedding are the most popular and effective of all hardy bulbous plants. In our descriptions we give the color and average height to which they grow. For pot culture and forcing for winter cut-flowers, they are invaluable.

The cultural directions given for hyacinths on page 1 are equally applicable to Tulips, except that the bulbs, being smaller, must not be planted quite so deep. Four inches to the bottom of the bulb is deep enough, and a distance of 5 to 6 inches between the bulbs is sufficient. They may be planted in October and November, before the ground freezes. For pot culture, a compost of two parts loam to one part light manure, with some sand intermixed, is suitable. From three to five bulbs, according to size, in a 5-inch pot, are very effective. The pots should be buried until the bulbs are well rooted, in the manner recommended for hyacinths.

SINGLE EARLY TULIPS

A, B and C indicate season of flowering. A and B may be planted to flower about the same time in the open ground; C flowers later. The figures indicate average height in inches.

	Each	Doz.	100
Artus. Bright scarlet; fine bedder. B, 7	$0 05	$0 30	$2 00
Belle Alliance. Brilliant, deep scarlet. A, 8	06	50	3 50
Bizard Verdict. Brilliant carmine, gold-striped	05	25	1 75
Canary Bird. Rich golden yellow; fine for forcing. A, 8	05	30	2 00
Chrysolora. Pure yellow; large flower; splendid bedder. A, 8	05	25	1 75
Cottage Maid. Rose, shaded with white. B, 8	05	30	2 00
Couleur Cardinal. Rich crimson; large and beautiful. C, 7	06	60	4 00
Crimson King. Scarlet-crimson. C, 8	05	30	2 00
Duchesse de Parma. Orange-red, margined with yellow. B, 8	05	25	1 75
Joost van Vondel. Cherry-red and white. B, 8	05	35	2 50
L'Immaculee. Pure white; very early. B, 8	05	25	1 75
Keizerkroon. Crimson-scarlet, bordered with clear yellow. B, 9	06	50	2 50
La Reine. White, lightly shaded with rose. A, 7	03	25	1 75
Mon Tresor. Large; pure yellow; early forcer. B, 8	06	50	3 00
Pottebakker, Scarlet. Bright scarlet; large. B, 8	05	40	2 75
Pottebakker, White. Pure white; large and showy. A, 8	05	30	2 00
Pottebakker, Yellow. Fine, pure yellow variety. A, 8	05	30	2 00
Proserpine. Salmon-pink: very fine form; good forcer. B, 8	06	60	4 00

SINGLE EARLY TULIPS, continued

Rosa Mundi Huikman. Rose and white. B, 8. 5 cts. each, 25 cts. per doz., $1.75 per 100.
Rose Grisdelin. Dark rose and white. C, 7. 5 cts. each, 35 cts. per doz., $2.50 per 100.
Rose Luisante. Deep rose; beautiful, large flower. C, 8. 8 cts. each, 60 cts. per doz., $4.50 per 100.
Thomas Moore. Buff-orange, shaded; distinct; fine bedder. 5 cts. each, 35 cts. per doz., $2.50 per 100.
Vermilion Brilliant. Vermilion; forcing or bedding. B, 7. 8c. each, 60c. per doz., $4 per 100.
Yellow Prince. Bright yellow; sweet-scented. B, 8. 5c. each, 25c. per doz., $1.75 per 100.
White Hawk. Large; pure white; fine for forcing. A, 7. 6c. ea., 50c. per doz., $3 per 100.
Superfine Mixture. Brightest colors; largest flowering. 20 cts. per doz., $1.25 per 100, $10 per 1,000.
Separate Colors. Red, white, pink, yellow. 25 cts. per doz., $1.50 per 100.

SINGLE TULIP

SINGLE DUC VAN THOL TULIPS

The Duc van Thols are the earliest of all the Tulips. They are of dwarf habit, and well adapted for forcing and for pot culture. They bloom outdoors before the early single Tulips.

	Doz.	100		Doz.	100
Red. Bordered with yellow	$0 25	$1 75	**Yellow.** Citron-yellow	$0 40	$3 00
Scarlet. Reddish scarlet	30	2 00	**White.** Clear satiny white	35	2 75

PARROT TULIPS

The petals of these have feathered edges, and, in addition to other colors, combine shades of green—a peculiarity confined to this class. The flowers are very singular and picturesque, of large size and brilliant color, and form very effective groups for the flower border. Very late in flowering.

	Doz.	100
Constantinople. Crimson, tipped with orange	$0 30	$2 00
Lutea. Large; yellow	30	2 00
Perfecta. Yellow, spotted red	30	2 00
Finest Mixed. All colors	25	1 50

DOUBLE TULIPS

These flower but little later than the single early Tulips, and are very ornamental either for bedding or forcing.

Couronne d'Or. Beautiful orange-yellow; large handsome flower. A, 8. 6 cts. each, 60 cts. per doz., $4.50 per 100.

DOUBLE TULIP

Gloria Solis. Deep crimson, with yellow edge. B, 7. 4c. each, 35c. per doz., $2.50 per 100.
Imperator Rubrorum. Bright scarlet; very double. B, 8. 6c. ea., 60c. per doz., $4 per 100.
La Candeur. Pure white; very large; excellent bedding sort. B, 8. 4 cts. each, 30 cts. per doz., $2 per 100.
Murillo. Blush-white, shaded with rose; large. B, 7. 5 cts. each, 50c. per doz., $3.50 per 100.
Rex Rubrorum. Brilliant scarlet; fine for bedding with La Candeur. B, 8. 5 cts. each, 35 cts. per doz., $2.50 per 100.
Tournesol. Bright scarlet, edged with yellow. B, 8. 5c. each, 35c. per doz., $2.50 per 100.
Tournesol, Yellow. Yellow, shaded with orange. B, 8. 7 cts. each, 50c. per doz., $3.50 per 100.
Superfine Mixed. All colors. 5 cts. for 2, 20 cts. per doz., $1.25 per 100.

If Tulips are ordered by mail, add 5 cts. per doz.

DARWIN TULIP

LATE, or MAY-FLOWERING TULIPS

These flower in May; usually they are in full bloom about Memorial Day. They are very showy, and contain colors not found in any other class of Tulips. They are valuable for cut-flower use, both to the amateur and florist. They are also in demand for bedding and for planting in clumps in borders of hardy perennials.

	Each	Doz.	100
Bybloems. White grounds, striped or marked with purple, lilac or black	$0 05	$0 30	$2 00
Bouton d'Or (Ida). The only late pure deep yellow; very beautiful; fine for cutting	05	30	2 00
Gesneriana. Dazzling scarlet, black center; effective in beds; fine for cutting	05	30	2 00
Golden Crown. Deep yellow, edged red; fine for cutting	05	25	1 50
Golden Eagle. Deep yellow, with narrow, orange-red fringe	05	30	2 00
Isabella (York and Lancaster). Rose and white; fine late sort	05	40	2 50
Picotee (Maiden's Blush). White, margined rose	05	35	2 00
Darwin Tulips, Mixed	05	30	2 00
Darwin Tulips, Named Varieties	08	60	4 00

CROCUS (FOR POTS AND BORDERS)

The bulbs should be set 3 inches deep, and be planted in October or early in November to insure success. The Crocus can also be grown indoors either in pots or bulb pans in loam, or in dishes filled with wet moss, in which the bulbs are set closely, half an inch below the surface.

HYBRID NAMED CROCUS

These are composed of all the best and most beautiful varieties and are remarkable for richness of color and the immense size of their flowers.

Albion. Fine striped.
Baron von Brunow. Dark purple.
David Rizzio. Purple.
Golden Yellow.
King of the Blues. Very large.
Mont Blanc. Finest of all the whites.
Non Plus Ultra. Blue, white-bordered.
Queen Victoria. Fine white.
Sir Walter Scott. Variegated.

Price, 15 cts. per doz., 80 cts. per 100, $6 per 1,000

MIXED CROCUS

Large White.
Large Blue and Purple.
Large Striped and Variegated.
Large Golden Yellow.
Superb Mixture. All colors.

Price, 10 cts. per doz., 50 cts. per 100, $4 per 1,000

MIXED CROCUS

GOLDEN SPUR NARCISSUS

Narcissus

The beautiful species and varieties of Narcissus are the most popular and largely grown of spring-flowering bulbs. No garden should be without them. They are all of the easiest cultivation, thriving in almost any soil and situation, and they may be left alone for several years after once being planted. They do best in a partially shaded position. They are well adapted for planting in mixed flower or shrubbery borders. With the exception of the Polyanthus section, they are all perfectly hardy. Narcissus is also very suitable for growing in pots, requiring about the same treatment as Hyacinths, with three or four bulbs in a 5-inch pot.

SINGLE NARCISSUS, or DAFFODILS

Ard Righ, or **Irish King.** A golden yellow trumpet variety. 10 cts. each, 85 cts. per doz., $5 per 100.

Barrii Conspicuus. Sulphur perianth, broad cup marked with scarlet. 5 cts. each, 30 cts. per doz., $2 per 100, $17.50 per 1,000.

	Each	Doz.	100	1,000
Bicolor Empress. White perianth, yellow trumpet. An excellent forcer	$0 05	$0 40	$3 00	
Bicolor Victoria. Creamy white perianth, yellow trumpet	05	40	3 00	
Emperor. Flowers of great size and substance; yellow trumpet	05	40	3 00	
Golden Spur. One of the grandest Daffodils, with extra-large, rich yellow flowers. Early and free-flowering	05	40	3 00	$25 00
Incomparabilis, Cynosure. Bright orange cup, white perianth	05	25	1 50	12 00
Incomparabilis, Sir Watkin. Golden crown, with primrose perianth	05	35	2 50	
Leedsii. Pure white, star-shaped, sweet-scented	05	25	1 25	
Stella. White, star-shaped flowers, with bright yellow cups	03	25	1 50	
Poeticus (Pheasant's Eye). Pure white, with red cup; very fragrant; fine for cutting	03	20	80	7 00
Poeticus Ornatus. Same color as Poeticus but the flowers are larger	05	25	1 25	10 00
Princeps. Sulphur-yellow perianth and deep yellow trumpet.	05	25	1 50	12 00
Single von Sion. Yellow	05	30	2 00	17 50
Trumpet Major. Large, early; deep golden yellow. Fine for forcing	05	30	2 00	17 50
Mixed Single. All sorts	03	25	1 50	12 00

If ordered by mail, add 5 cts. per doz. for postage

JONQUILS

A class related to the Narcissus, and suitable alike for pot culture or planting out. The culture required is the same as for hyacinths.

	Doz.	100
Large Single Campernelle. Yellow, large flowers	$0 20	$1 00
Odorus regulosus. Deep golden yellow; very fragrant; best for outside	25	1 50
Single Sweet-scented. Rich, yellow, fragrant	20	85
Double, Sweet-scented. Rich yellow; fine	30	2 00

CHINESE SACRED NARCISSUS

(Joss Flower, or Flower of the Gods)

These may be grown in pots of earth, and very satisfactorily in bowls, partially filled with pebbles and water. As the roots develop, they form a network about the pebbles, thus supporting the plant when in bloom. They should be started in the dark for ten to fourteen days, and then grown in bright light, but carefully protected from draughts. The flowers are mostly white, with yellow cups and are very fragrant.

Extra large selected bulbs, 10 cts. each, 25 cts. for 3, $1 per doz. If ordered by mail, add 5 cts. per bulb for postage.

One Bulb, Bowl and **Pebbles** complete, 25 cts.

Three Bulbs, Bowl and **Pebbles,** 40 cts.

Pebbles, for filling Lily bowls, 10 cts. per quart.

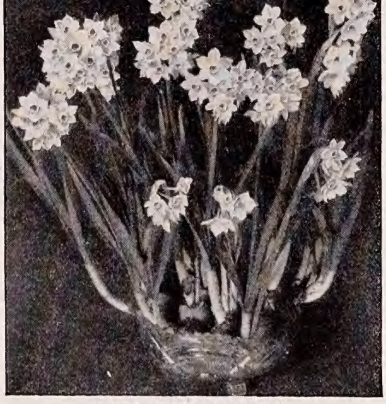
ORANGE PHŒNIX NARCISSUS

DOUBLE NARCISSUS, or DAFFODILS

	Each	Doz.	100	1,000
Albus plenus odoratus. Snow-white, gardenia-flowered Daffodil	$0 03	$0 25	$1 50	
Incomparabilis (Butter-and-Eggs). Rich lemon-yellow	03	30	1 75	$15 00
Orange Phœnix (Eggs-and-Bacon). White, with orange center; excellent for pot culture	05	30	2 00	
Von Sion. The popular double yellow Daffodil; golden yellow	05	35	2 50	20 00
Von Sion. Large, selected "double-nosed" bulbs	05	40	3 00	25 00

POLYANTHUS NARCISSUS

Beautiful, free-flowering, deliciously sweet-scented flowers, of the easiest culture; suitable for forcing or for growing in water in the same way as the Chinese Sacred Narcissus. They bear tall spikes of bloom, with from six to twenty flowers each. Bulbs planted in the open border in October and November stand the winter with protection.



PAPER WHITE NARCISSUS

Double Roman. White, with orange-colored cup; very fragrant. 5c. each, 30 cts. per doz., $2 per 100.

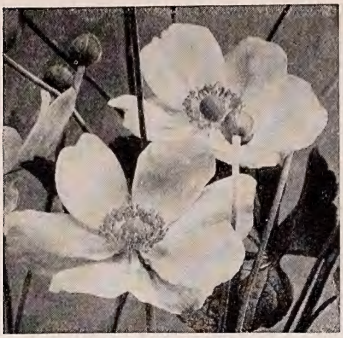
Grand Monarque. White, with pale yellow cup; very large flower. 8c. each, 60c. per doz., $4 per 100.

Grand Soleil d'Or. Yellow, with orange cup; very free-flowering. 5c. each, 40c. per doz., $3 per 100.

Paper White Grandiflora. The best Narcissus for growing in water. The flowers are large, attractive in color, and intensely fragrant. Place them in a shallow dish of water, with gravel or small stones at the bottom. Fine for pot culture, and largely grown by florists for cut-flowers. 5 cts. each, 30 cts. per doz., $2 per 100.

Mixed Polyanthus Narcissus. 5 cts. each, 40c. per doz., $2.50 per 100.

If Polyanthus Narcissus are ordered by mail, add 10 cts. per doz. for postage



ANEMONE JAPONICA

ALLIUM NEAPOLITANUM

Fine for pot culture or garden decoration. They are of the easiest culture. Pure white, with green stamens, borne in large, loose umbels; height, 15 to 18 inches. 10 cts. for 3, 25 cts. per doz., $1.25 per 100.

AMARYLLIS

(Ready in October)

A magnificent and interesting plant for pot culture, producing showy flowers that are very attractive and handsome. They should be grown in rich, sandy loam, with good drainage, and require abundant moisture when growing, but at their season of rest water should be given sparingly.

	Each	Doz.
Belladonna Major. Large violet and white	$0 25	$2 50
Formosissima (Jacobæan Lily). Brilliant scarlet	15	1 50
Johnsonii (Spice Lily). Crimson, striped with white	50	5 00
Longifolia rosea. Rose. Hardy	25	2 50
Longifolia alba. White. Hardy	25	2 50
Vittata. Hybrids mixed	60	6 00

ANEMONES

These are perfectly hardy roots, producing flowers of various hues and much beauty. They are highly deserving of cultivation.

	Doz.	100
The Bride. Pure white; large-flowered	$0 30	$1 50
Fulgens. Brilliant crimson. Known as "Wind Flower"	50	3 50
Japonica alba and **rosea.** Blooms in Sept. and Oct.; fine strong roots	2 50	
Whirlwind. Semi-double, pure white	2 50	
Choice Mixed, Single	20	1 00
Choice Mixed, Double	30	1 50

CALLA LILIES

Well-known plant, of easy culture; the only particular attention it requires is constant watering, and as warm a room as can be conveniently given it.

Black. The plant produces a large, dark purple flower and green underneath. The leaves are a rich green color. Large bulbs, 15 cts. each, $1.50 per doz.

Little Gem. Very neat, dwarf habit; makes an excellent pot plant. 10 cts. each, $1 per doz.

Spotted Leaf. (*Richardia alba maculata*). Dark green foliage, beautifully spotted with white. 10 cts. each, $1 per doz.

White (*Richardia Æthiopica*). The White Calla, or Lily of the Nile, is a well-known plant of easy culture, and in winter is one of our best window plants. Good roots, 10 cts. each, $1.50 per doz.; extra-large roots, 15c. each, $1.50 per doz.; mammoth roots, 25 cts. each, $2.50 per doz.

WHITE CALLA LILY

CALLA LILIES, continued

Yellow, Elliottiana. The finest yellow Calla; large, rich, deep golden flowers, often 4 to 5 inches across at the mouth; habit of growth and foliage like the old favorite White Calla, excepting the leaves of Elliottiana are spotted with white. 25 cts. each, $2.50 per doz.

CROWN IMPERIAL

Stately-growing plants for outdoor culture, with dark green foliage and flowers of various shades of yellow and crimson. Mixed colors, 15 cts. each, $1.50 per doz.

CYCLAMEN

(Ready in November)

CYCLAMEN PERSICUM GIGANTEUM

Among the many charming plants which grace the greenhouse and sitting-room during the spring and winter months, few, if any, are so pretty and accommodating as the Cyclamen. The simplicity of its culture brings it within the reach of even those who can command no better accommodation than a sitting-room window.

Persicum giganteum. Mixed colors. 15 cts. each, $1.50 per doz.

CHIONODOXA (Glory-of-the-Snow)

Most charming spring-flowering bulbs. They produce flower-spikes bearing ten to fifteen scilla-like flowers. They are perfectly hardy, and will thrive in any good garden soil. Fine for pot culture for winter-blooming.

	Each	Doz.	100
Luciliæ. Bright blue, clear white center	$0 02	$0 25	$1 25
Sardensis. Very deep blue	03	25	1 25

COLCHICUM (Autumn-flowering Crocus)

Very effective and handsome, hardy plants, the flowers of which come through the ground without leaves in the fall, the leaves appearing the following spring.

	Each	Doz.	100
Autumnale fl. pl. (Meadow Saffron)	$0 10	$1 00	$8 00
Autumnale, Mixed. All colors	10	50	4 00

DIELYTRA SPECTABILIS (Bleeding Heart)

A well-known hardy plant, bearing in spring long racemes of deep rose-pink, pendent flowers. 20 cts. each, $2 per doz.

ERYTHRONIUM (Dog's-tooth Violet)

Perfectly hardy; variegated foliage; flowers are large, varying in color from white to deep purple.

	Doz.	100
Mixed Colors	$0 50	$3 00

FRITILLARIA MELEAGRIS

Bear bell-shaped flowers of various colors—yellow, white, black, purple, striped and splashed. Hardy.

	Doz.	100
Mixed Colors	$0 40	$2 00

FREESIA REFRACTA ALBA

FREESIA

This is one of the most beautiful of all Cape bulbs, possessing a peculiar grace of form, and its fragrance is most delightful, one pot of five or six bulbs being sufficient to perfume a whole house. As cut-flowers, they are extremely valuable; the unexpanded blooms, opening in water, fill the air with the most delicate perfume, and their endurance is really remarkable.

Refracta alba. Pure white. One of the most popular and charming bulbs for pot culture, flowering in the winter in the conservatory or window-garden. They force very easily, and can be had in bloom by Christmas if started in pots in the month of September. Plant half a dozen bulbs in a 4-inch pot, in good rich soil, water well, and keep them at a temperature of 60 degrees.

MAMMOTH BULBS. Pure white. 5 cts. each, 30 cts. per doz., $2 per 100, $15 per 1,000.

FIRST SIZE BULBS. 3 cts. each, 20 cts. per doz., $1.25 per 100, $10 per 1,000.

Purity. A magnificent, snowy white of very large size and great length of stem. A truss bearing from eight to ten buds, of which six are often open at one time. 5 cts. each, 50 cts. per doz., $3.50 per 100.

Snow-White. A distinct type, producing large sprays of purest snow-white flowers of immense size and deliciously fragrant; it is very free-blooming and of great value for forcing for cut-flowers. 30 cts. per doz., $2 per 100, $17.50 per 1,000.

GLADIOLUS COLVILLEI

(Ready in November)

Early-flowering and fine for pot culture. They will last in water for weeks after being cut, and, as the flowers are smaller than autumn-flowering sorts, they make up well for bouquets. They are hardier than most of the Gladioli, but will not stand severe winters without covering.

	Doz.	100
Alba (The Bride). White; very beautiful	$0 25	$1 50
Colvillei. Purple-striped	30	2 00
Rosea. Pink	30	2 00
Peach Blossom. Lovely new variety; good winter forcer; delicate pink	40	3 00
Blushing Bride. Rosy white, with carmine blotch	40	2 50

GLADIOLUS, COLVILLEI ALBA

GRAPE HYACINTHS

Adapted for permanent beds and edgings and partly shaded situations; they should be massed together to produce effect. Perfectly hardy. Flower-spikes about 6 inches high, with small, round bells, resembling a bunch of grapes.

	Doz.	100
Blue 5 cts. for 2	$0 20	$1 00
White 5 cts. each	30	1 50
Hyacinthus candicans. A snow-white, summer-flowering giant Hyacinth 5 cts. each	50	3 00

IRIS

The flowers of this family are the richest and most varied in color of any hardy garden plants, and for cut-flowers are invaluable. They have been aptly named the "Orchid of the flower-garden."

ENGLISH (Anglica). Large, handsome flowers, with rich purple, blue and lilac colors predominating. Perfectly hardy.

Blanche Fleur. White, blush tinted.
Bleu Celeste. Pale blue.
Daylight. Pale blue, red-striped.
Electric. Very pale blue.
King of Blues. Dark blue.
La Grandesse. White, spotted violet.
L'Unique. Purplish red.
Mont Blanc. Pure white.
Queen Regent. Purple and violet.
Prince Albert. Violet and red.

The above named varieties, 50 cts. per doz., $3 per 100

Mixed Varieties. 5 cts. each, 30 cts. per doz., $1.50 per 100.

German (Germanica). This variety is the true "Fleur-de-Lis," the national flower of France. They are perfectly hardy, thrive anywhere. Mixed varieties, 5 cts. each, 30 cts. per doz., $2 per 100.

Kæmpferi, or **Japan Iris.** The Japan Iris is perfectly hardy, and flowers in great profusion in July and August. Mixed varieties, 15 cts. each, $1.50 per doz.

SPANISH (Hispanica). This variety is well adapted for pot culture or outside planting.

SPANISH IRIS

Belle Chinoise. Golden yellow.
Blanche Superbe. Pure white.
Bronze King. Very dark bronze.
Chrysolora. Canary-yellow.
Gold Cup (Thunderbolt). Large, bronze.
Louise. Very delicate light blue.

The above named varieties, 25 cts. per doz., $1.25 per 100

Superfine Mixed. 10 cts. per doz., 75 cts. per 100, $5 per 1,000.

LILY-OF-THE-VALLEY

IXIAS

Very desirable for pots or for the open ground. If planted out, they require covering during the winter.

Extra Choice Mixture. 5 cts. for 2, 20 cts. per doz., $1 per 100.
Named Varieties. 40 cts. per doz. $2.50 per 100.

LILY-OF-THE-VALLEY (Ready in November)

For open-ground planting we offer large clumps, each containing many flowering crowns. These may be set from 6 inches to a foot apart and covered 3 inches. They succeed best in ground which is rather moist and partially shaded.

For forcing, the pips are to be

LILIUM HARRISII

LILY-OF-THE-VALLEY, continued

preferred, being grown under conditions tending to promote vigorous and early blooming. Twelve to eighteen pips may be planted in a 6-inch pot, with all the fibrous roots carefully preserved, and keeping the crowns above the soil. Place them in a temperature of about 80 degrees, cover the crowns with loose moss, and keep them constantly moist with tepid water.

Best Berlin Pips. Finest selected pips for forcing. 30 cts. per doz., $2 per 100, $18 per 1,000.

Hamburg. Strongest pips for late winter and spring forcing. 25 cts. per doz., $1.75 per 100, $15 per 1,000.

Large Dutch Clumps. Each contains many flowering pips; best for planting in the open ground. 30 cts. each, $3 per doz., $25 per 100.

Cold-Storage Berlin Pips. $2.25 per 100, $20 per 1,000.

Lilies

The Lily is a favorite flower everywhere. *Lilium candidum* does best when planted in August or September. This variety is valuable for forcing, and is used extensively for this purpose. The method is to plant the bulbs in 6-inch pots, barely covering them with soil, then plunge them in the garden in a warm, sheltered place, and let them remain there until the pots are well filled with roots, after which they may be removed to the house or conservatory, where they will flower in eight or ten weeks. In forcing *L. Harrisii* or *L. longiflorum*, plant them in 6-inch pots half-filled with rich soil, sink the bulbs, leaving just the tips exposed. After the bulb has thrown its stem above the top of the pot, fill the pot with rich soil, composed mostly of well-rotted cow-manure, as these bulbs throw out rootlets from the stem of the bulb.

LILIUM HARRISII. The Bermuda Easter Lily is perhaps the finest and most popular of winter-blooming plants. The large, handsome, pure white trumpet-shaped flowers are very sweet-scented and of great substance, and last a long time after cutting. Its stately and graceful habit renders it a perfect pot-plant for table or winter decoration.

	Each	Doz.	100
First-size bulbs, 5 to 7 inches in circumference	$0 12	$1 25	$8 00
Large-size bulbs, 7 to 9 inches in circumference	25	2 50	15 00
Extra-large bulbs, 9 to 11 inches in circumference	50	4 00	30 00

LILIUM LONGIFLORUM MULTIFLORUM. The well-known, beautiful, snow-white, fragrant Lily; fine for forcing and handsome in the garden

	Each	Doz.	100
Large-size bulbs, 7 to 9 inches in circumference	$0 15	$1 50	$9 00
Extra-large-size bulbs, 9 to 10 inches in circumference	20	2 00	13 00

LILIUM LONGIFLORUM GIGANTEUM. This dark-stemmed variety flowers somewhat later than Multiflorum, but the flowers are of larger size, of great substance and perfect form. In great demand.

	Each	Doz.	100
First-size bulbs, 6 to 8 inches in circumference	$0 10	$1 00	$7 00
Large-size bulbs, 7 to 9 inches in circumference	15	1 50	11 00
Extra-large-size bulbs, 9 to 10 inches in circumference	20	2 00	16 00

LILIES, continued

LILIUM CANDIDUM (St. Joseph, or Annunciation Lily). This is the old-fashioned garden Lily. It is perfectly hardy, blooming in the open ground in June. The many snow-white flowers borne on a stem 3 to 4 feet high make this Lily most effective. Very large bulbs, ready for delivery in September. 15 cts. each, $1.50 per doz., $9 per 100.

HARDY LILIES

For Outdoor Planting, or Growing in Pots

(Ready in November)

When grown in the border or open ground, they should remain undisturbed for years, frequent removals being injurious. In the autumn, give the bulbs a heavy mulching of leaves; coarse manure or boughs will prove highly beneficial. Plant all Lilies at least 6 inches deep.

	Each	Doz.	100
Auratum (Golden-rayed Japanese Lily). Flowers 6 to 8 inches in width, pure white, with a wide band of gold running through the center of each petal and numerous crimson spots.			
Extra-large bulbs, 9 to 11 inches	$0 20	$2 00	$13 00
Mammoth size bulbs, 11 to 13 inches	30	3 00	22 00
Henryi. A new Japanese Lily. It is similar to the Speciosum varieties, but the flowers are bright orange-yellow	75	7 50	
Speciosum album. Beautiful pure white flowers of large size; 2 to 4 feet high. One of the handsomest and easiest grown lilies.			
8- to 9-inch bulbs	20	2 00	12 00
9- to 11-inch bulbs	30	3 00	20 00
Speciosum rubrum or **roseum.** White and spotted rose; 2 to 4 feet high.			
8- to 9-inch bulbs	12	1 25	8 00
9- to 11-inch bulbs	20	2 00	12 00
Speciosum melpomene. Very dark crimson-spotted flowers.			
8- to 9-inch bulbs	15	1 50	10 00
9- to 11-inch bulbs	20	2 00	15 00
Superbum (Turk's Cap Lily). Deep orange-red, thickly spotted; 4 ft.	10	1 00	6 00
Tenuifolium (Siberian Coral Lily). Nodding, rich scarlet flowers; 1½ ft.	20	2 00	12 00
Tigrinum (Tiger Lily). Orange-salmon, spotted black	10	1 00	6 00
Tigrinum flore pleno (Double Tiger Lily). Bright orange-red, black spots	12	1 25	8 00
Washingtonianum. Very fragrant flowers, changing from pure white to various shades of purple or lilac	30	3 00	20 00

STAR OF BETHLEHEM

MONTBRETIAS

(Ready in November)

	Doz.	100
Crocosmæflora	$0 30	$1 50
Etoile de Feu	30	1 50
Germania	75	5 00
Pottsii	30	1 50

ORNITHOGALUM ARABICUM (Star of Bethlehem)

Very desirable for pot culture in the window garden. The flowers are large, pure white, with black center, borne on a tall spike. In pots they should be treated in the same manner as the hyacinth. 5 cts. each, 40 cts. per doz., $3 per 100.

OXALIS

A class of small bulbs, producing vast quantities of flowers during the autumn and winter months; they are very desirable for planting in hanging baskets. They are easily grown in sandy soil, seven or eight bulbs in a 4- or 5-inch pot. Keep in moderate temperature.

	Each	Doz.	100
Buttercup. A splendid winter-blooming plant for pot culture. The flowers are pure bright yellow, and produced in great abundance. It is very easily cultivated, and, being a strong grower, only one or two bulbs should be planted in a 5- or 6-inch pot	$0 05	$0 35	$1 75
Grand Duchess. Flowers are large, often measuring 3 inches in diameter, and are borne well above the foliage, the leaves being large, clover-shaped, handsome. Pink, white and lavender	05	35	2 00
Bowiei. Crimson	05	35	2 00
Lutea. Yellow	5 cts. for 2	25	1 25
Rubella. Purple	05	40	2 00
Versicolor. Crimson and white	5 cts. for 2	25	
Mixed	5 cts. for 2	15	1 00

DOUBLE PEONY

PEONIES

(Ready in October)

The old-fashioned double Peonies are too well known to require description. Their popularity is due to their great merits —their easy culture, the handsome appearance of the plant, and the brilliant and striking effect of their massive, finely formed, richly colored flowers. Among hardy herbaceous perennials, the Chinese Peonies rank about first for lawn or flower-border or shrubbery decoration.

	Each	Doz.
Double Mixed White	$0 25	$2 50
Double Mixed Crimson	25	2 50
Double Mixed Pink	25	2 50
Double Mixed All Colors	20	2 00

SCILLAS

Extremely hardy, early-flowering bulbs, thriving in any situation and worthy of more general cultivation. The bulbs of *Scilla Sibirica* should be planted 3 inches deep.

	Doz.	100
Sibirica. Flowers bright blue, of compact growth, 5 to 6 inches high; beautiful in combination with snowdrops or crocuses; also excellent for forcing in pans. Extra-large bulbs	$15 per 1,000	$0 30	$1 75
Bifolia. Most beautiful bright blue flowers borne on short spikes; fine for forcing		25	1 50
Campanulata (Wood Hyacinth). Flowers borne on tall spikes, 1 to 2 feet high. Each flower measures nearly 1 inch across and droops gracefully; perfectly hardy; also fine for pot culture.			
Campanulata, Major, Blue		25	1 50
Campanulata, White		35	2 00
Campanulata, Rose		35	2 00

RANUNCULUS

Gorgeous dwarf flowers, easily grown in pots for winter blooming, or in coldframes for spring. Eight roots may be potted in a 6-inch bulb-pan; they should be covered one inch. The colors include shades of white, yellow, crimson and purple, some being almost black. They are very effective for decoration, either as pot-plants or cut.

SINGLE GIANT SNOWDROPS

	Doz.	100
Giant Double French. Mixed colors	$0 20	$1 00
Double Persian. Mixed colors	20	1 00
Double Turban. Mixed colors	20	1 00

SNOWDROPS

The charming Snowdrop is the first of all flowers to herald the approach of spring. It can frequently be seen in bloom when the ground is white with snow, as it takes every advantage and hastens to display its graceful snow-white bells before the winter has disappeared. As the bulbs are small, they should be planted liberally in order to obtain immediate results.

Elwes' Giant Snowdrops. An exceedingly large and beautiful single variety; flowers snow-white, with emerald-green tube. 15 cts. per doz., $1 per 100, $8 per 1,000.

Single. Pure white, graceful bells; early flowering. 15 cts. per doz., $1 per 100, $8 per 1,000.

Double. Flowers perfectly double, pure white. 25 cts. per doz., $1.75 per 100, $15 per 1,000.

SPIRAEA

(Ready in November)

Splendid plants for forcing in the greenhouse or the conservatory, where they produce beautiful sprays of flowers during February and March; they are perfectly hardy, and, when planted outside, flower in June. The dark green foliage resembles some of our well-known ferns.

Astilboides floribunda. Very large, pure white plumes, bronzed foliage. 15 cts. each, $1.50 per doz.

Compacta multiflora. Flowers larger than the above, plants more compact in growth. 15 cts. each, $1.50 per doz.

Gladstone. A new and much improved variety, producing enormous spikes of pure white flowers in great profusion; the best Spirea grown. 20 cts. each, $2 per doz.

Japonica. Elegant and graceful; large, feathery, pure white, sweet-scented flowers. 15 cts. each, $1.50 per doz.

Palmata. Rosy crimson; strong clumps. 15 cts. each, $1.50 per doz., $7 per 100.

Queen Alexandra. The color is a **delightful soft pink;** very free-flowering; growing as freely as the white types. You cannot afford to without it. 35c. ea., $3 50 per doz.

Washington. Pure white, 1½ to 2 feet high; sturdy habit, strong clumps. 20 cts. each, $2 per doz.

SPIRÆA JAPONICA

Strawberry Plants

Those marked (P.) have pistillate, or imperfect flowers, and must be planted near perfect-flowering kinds, in order that the flowers may be fertilized. The varieties not so marked are bi-sexual, or perfect-flowering, and can be planted alone.

POT-GROWN STRAWBERRY

Auto. NEW. Immensely productive; large berries.

August Luther. Good size and very productive. Extra early.

Bismarck. Exceptionally strong pollenizer. Late.

Brandywine. Large, conical, glossy, crimson, firm and solid. Succeeds in any soil. Midseason to late.

Bubach. (P.) Large berry of dark color. Midseason.

Climax. Very large and productive, round and uniform; good shipper. Early.

Commonwealth. NEW. Very large, fine flavored, juicy. Very late.

Excelsior. Very fine, stands frost well. Extra early.

Gandy. Large, bright glossy crimson fruit; finest flavor. Late.

Glen Mary. Strong and healthy grower, bright crimson. Early.

Gladstone. Large as Sharpless; better quality; strong grower.

Hunn. (P.) Largest variety grown. Dark crimson, fine flavor. Late.

Johnson's Early. Highly colored, medium size. Extra early.

Marshall. Large, dark crimson, good. Midseason.

Mead. New. Firm, globular-shaped berries; glossy red; mild flavor.

New York. Very large, color dark red; first-class quality. Midseason.

Nick Ohmer. Fruit mammoth size; very productive. Midseason.

Nimrod. NEW. Most beautiful berry ever grown, delicious quality, never rusts or diseases

Oom Paul. One of the largest berries; firm and productive.

Parson's Beauty. Good, bright red berries; productive; midseason.

President. (P.) Round, very productive, rich crimson. Midseason.

Pan American. Autumn everbearing variety, the best of its class.

Scofield. Large, bright red. Rich, aromatic flavor. Early to late.

Silver Coin. Exquisite color, luscious flavor; very productive; plant vigorous. Midseason.

Success. Sweet, mild flavor; large, very early and bearing till fall.

Twentieth Century. (P.) NEW. Immense size, dark crimson, smooth surface. Midseason.

We can also furnish other varieties not named above, at regular prices.

Pot-grown plants, if planted in the fall, will furnish a good crop of large, fine berries of the following season.

Pot-Grown Plants (ready about July 15th), $1.25 for 25, $2 for 50, $3.50 per 100.

New Varieties, $1.25 for 25, $2.25 for 50, $4 per 100.

Layer Plants (ready about August 15th), 30 cts. per doz., $1.25 per 100.

CATALOGUE OF TREES, PERENNIALS FOR FALL PLANTING, MAILED FREE ON APPLICATION

CELERY PLANTS

We can supply the following varieties: Golden Self-blanching, Fin de Siecle, White P ume, Perfection Heartwell, Giant Pascal and Golden Dwarf. 50 cts. per 100, $4.50 per 1,000.

The McFarland Publicity Service, Harrisburg, Pa.

THE LENOX SPRAYER

For spraying plants indoors and out, the Lenox Sprayer is one of the most serviceable devices. It substitutes a misty shower that supplies the plant most naturally and completely, which is necessary to real success with house plants. As a sprayer for using insecticides it is invaluable, ejecting a misty spray and reaching under the leaves where insects thrive. Price, 50 cts. each, By mail, with a cake of tobacco soap, 60 cts. postpaid.

INSECTICIDES

Aphis Punk. 60 cts. per box of one dozen rolls.

Bordeaux Mixture. Qt. 40 cts., gal. $1.25.

Cedarine. Destroys ants. 10 cts. per box.

Fir-Tree Oil. ½pt. 40 cts., pt. 75 cts., qt. $1.40.

Fir-Tree Oil Soap. ½lb. tins, 25 cts., 2 lbs. 75 cts.

Gishurst Compound. 50 cts. per box.

Hammond's Grape Dust. 5 lbs. 35 cts.

Hammond's Slug Shot. Lb. 10 cts., 5 lbs. 30 cts., 10 lbs. 50 cts., 100 lbs. $4.50.

Kerosene Emulsion. Qt. 40 cts., gal. $1.25.

Lemon Oil. ½pt. 25 cts., pt. 40 cts., qt. 75 cts., ½gal. $1.25, gal. $2.25.

"Nico-Fume" Tobacco Paper. Can of 24 sheets, 75 cts.; can of 144 sheets, $3.50.

Nicoticide. Pt. $2.50.

Fumigators, for above, 75 cts. each.

Nico-Fume Liquid. Pt. $1.50.

Nikoteen. Pt. $1.50.

Paris Green. Lb. 40 cts.

Rose Leaf Insecticide. Pt. can, 35 cts.; qt. can, 60 cts.; gal. can, $1.75.

Sulphur. Lb. 10 cts., 10-lb. lots, 60 cts.

Sulpho-Tobacco Soap. 3-oz. box, 10 cts.; 8-oz. box, 20 cts.

Tobacco Dust. Lb. 10 cts., 10 lbs. 65 cts., 100 lbs. $3.

Tobacco Dust for Fumigating. 10 lbs. 65 cts., 50 lbs. $2, 100 lbs. $3.50.

Tobacco Stems. 100-lb. bale $1.75, 200 lbs. $3.

Whale Oil Soap. Lb. 15 cts., 3 lbs. 40 cts.

White Hellebore Powder. ¼lb. 10 cts., ½lb. 15 cts., lb. 25 cts.

Wilson's Plant Oil. Pt. 40 cts., qt. 75 cts., gal. $2.

X-L-All Liquid Insecticide. Pt. 65 cts., qt. $1, ½gal. $1.75, gal. $3.50.

FERTILIZERS

Bone Meal. 5 lbs. 30 cts., 10 lbs. 50 cts., 100 lbs. $2.75, 200 lbs. $5.

Bone, Crushed. 100 lbs. $3.50.

Bonora. Good for flowering plants. ¼lb. pkg. 25 cts., lb. pkg. 50 cts., 5-lb. pkg. $2.50.

Blood and Bone. 100 lbs. $2.50.

Clay's Fertilizer. 56 lbs. $4, 112 lbs. $7.

Moss, Live Sphagnum for Orchids. Bbl. $3.

Moss, Sphagnum for Packing, etc. Bale $3.

Nitrate of Soda. 5 lbs. 35 cts., 10 lbs. 60c., 100 lbs. $5.

Peat, Orchid. Bag, $1.50.

Peat, Jersey. Bag, $1.50.

Peruvian Guano. 5 lbs. 30 cts., 10 lbs. 50 cts., 100 lbs. $3.

Plant Blood. The hygienic food for plants. Pkg. 15 cts.

Plant Food. Pkg. 15 cts.

Sheep Manure. 5 lbs. 25 cts., 25 lbs. 75c., 50 lbs. $1.25, 100 lbs. $2, ton $35.

Soot, Scotch. 100 lbs. $5.

Thompson's Manure. 56 lbs. $4, 112 lbs. $7.

Bulb Catalogue

FALL, 1909

LILIUM AURATUM (page 13)

W. E. MARSHALL & CO.

146 West Twenty-third Street

Between Sixth and Seventh Avenues NEW YORK